

CLAIMS

I claim:

1. A portable worktable comprising:

5 a frame rectangular in shape, with two mutually parallel rails each having
a grip, a plurality of spacers holding said rails laterally apart, each
rail denotes a side of said portable worktable and said grips denote
the front of said portable worktable; a plate of rectangular shape
spanning between said rails at the rear of said frame; a pair of
10 supports depending beneath said rails on the inside of said rails
opposite said grips; and a pair of wheels parallel to and
individually attached to said rails with the axis of said wheels near
the bottom of said supports;

15 a planar top of rectangular shape mounted upon a pair of mutually parallel
runners, with a means to secure cargo proximate to said top
outwards of said portable worktable;

a pair of front upper legs, attaching near the front end of said runners with
a pivot joint, depending from said top, and having a means to
secure said front upper legs perpendicular to said top;

20 a pair of rear upper legs, attaching near the rear end of said runners with a
pivot joint, depending from said top, and having a means to secure
said rear upper legs perpendicular to said top;

a pair of front lower legs beneath said front upper legs that mate with said
front upper legs individually, attaching near the front end of said
rails at a pivot joint;

25 a pair of mutually parallel struts perpendicular to said rails, depending
from said rails and terminating with casters, having a front fixed
brace extending rearwards from said strut upwards to said rail;

30 and a pair of rear lower legs beneath said rear upper legs that mate with
said rear upper legs individually, attaching near the rear end of said
rails at a pivot joint proximate to said plate.

2. The portable worktable of claim 1 wherein the means to secure the top and the front upper legs and the top and the rear upper legs perpendicular to each other is a hinge assembly; said hinge assembly has a hinge joining said front upper legs and said front lower legs, and said rear upper legs and said rear lower legs
5 whereby said hinge permits an upper leg to fold upon a lower leg and said hinge translates towards the center of said rail during folding.
4. The portable worktable of claim 2 wherein said rails, said spacers, said struts, and said runners, are tubular steel; said plate, said supports, said front fixed braces, said front upper legs, said rear upper legs, said front lower legs, and said rear
10 lower legs are flat steel.
5. The portable worktable of claim 1 wherein said planar top is made of plywood or steel and fastened to said runners.
6. The portable worktable of claim 1 further comprising a pair of wheels mutually parallel to said rails and said wheels attached to said supports.
7. The portable worktable of claim 6 wherein said wheels are hollow and inflatable.
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8. The portable worktable of claim 6 wherein said wheels are solid.
9. The portable worktable of claim 7 further comprising:
said wheel having a valve for inflation;
an air pump for manual inflation of said wheel at said valve;
20 and a pair of brackets, spaced longitudinally along one runner to store said air pump.
10. The portable worktable of claim 1 wherein said casters swivel and lock.
11. The portable worktable of claim 1 wherein said means to secure cargo on said top is a pair of hooks, L-shaped attached to the perimeter of said top proximate to the rear of said worktable and oriented to secure cargo.
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12. A method of assembling a portable worktable, said portable worktable being capable of movement from a lowered position in which it can be moved similar to a two wheeled hand truck to a raised position in which it can be locked in place similar to a four wheeled platform cart, said portable worktable including an
30 elongated frame with laterally spaced, laterally connected, longitudinally

extending rails, said frame having a front and an opposite rear, a plate mounted to said rear of said frame with depending supports for wheels, a top mounted upon runners, front and rear upper legs attached to each end of said runners with a hinge joint, front and rear lower legs attached to each upper leg with a hinge, said top maintained perpendicular to said upper legs via a hinge assembly, and said top has hooks to carry cargo, comprising the steps of:

- a) placing said portable worktable with said wheels and casters on a surface;
- b) lifting said top and said upper legs so that said upper legs align with said lower legs;
- c) securing said hinge assemblies between said front upper legs and said front lower legs, and between said rear upper legs and said rear lower legs;
- d) said portable worktable is lowered by performing the aforementioned steps in reverse thereby folding said hinge assemblies with the hinges towards the center of said portable worktable.

13. A portable worktable comprising:

a hand truck having a plate perpendicular to a frame and perpendicular to the longitudinal axis of said frame, a pair of wheels proximate to said plate, a pair of grips opposite said plate whereby said grips denote the front of said portable worktable and said plate denotes the rear of said portable worktable;

a planar top of rectangular shape mounted upon a pair of mutually parallel runners, with a means to secure cargo proximate to said top outwards of said portable worktable;

a pair of front upper legs at the front corners of said worktable, attaching near the front end of said runners with a pivot joint, having a means to secure said front upper legs perpendicular to said top and depending from said top;

a pair of rear upper legs at the rear corners of said worktable, attaching near the rear end of said runners with a pivot joint, having a means to secure said rear upper legs perpendicular to said top and depending from said top;

5 a pair of front lower legs beneath said front upper legs that mate with said front upper legs individually, attaching near the front end of said hand truck at a pivot joint;

and a pair of rear lower legs beneath said rear upper legs that mate with said rear upper legs individually, attaching near the rear end of said hand truck at a pivot joint.

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14. The portable worktable of claim 13 wherein the means to secure said top and said front upper legs and said top and said rear upper legs perpendicular to each other is a hinge assembly; said hinge assembly has a hinge joining said front upper legs and said front lower legs, and said rear upper legs and said rear lower legs whereby said hinge permits an upper leg to fold upon a lower leg and said hinge translates towards the center of said frame during folding.

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15. The portable worktable of claim 14 further comprising a planar top made of plywood or steel and fastened to said runners.

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16. The portable worktable of claim 15 wherein said means to secure cargo on said top is a pair of hooks, L-shaped attached to the perimeter of said top proximate to the rear of said worktable and oriented to secure cargo.